

Title (en)  
Root region airfoil for wind turbine.

Title (de)  
Wurzelprofil für Windturbine.

Title (fr)  
Profil d'emplanture pour éolienne.

Publication  
**EP 0663527 A1 19950719 (EN)**

Application  
**EP 94114734 A 19940919**

Priority  
US 18100894 A 19940114

Abstract (en)  
The airfoil comprises a leading edge, a trailing edge spaced from the leading edge and an upper surface extending from the leading edge to the trailing edge. A lower surface extends from the leading edge to the trailing edge. The airfoil has a cross-sectional shape characterized by a thickness in a range from 24%-26%, a Reynolds number in a range from 1,000,000-1,800,000, and a maximum lift coefficient in a range from 1.4-1.6.

IPC 1-7  
**F03D 1/06**

IPC 8 full level  
**F03D 1/06** (2006.01)

CPC (source: EP US)  
**F03D 1/0641** (2013.01 - EP US); **F05B 2270/1016** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP US); **Y10S 416/02** (2013.01 - EP US); **Y10S 416/05** (2013.01 - EP US)

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